

DAIRY

Milk is New York's leading agricultural product

MILK PRODUCTION HIGHLIGHTS

Pasture conditions were below average from July through September due to the hot dry weather which also stressed the cows. As a result, dairy operations began supplemental feeding as early as August, increasing feed costs. However, the weather during the rest of the year was fairly temperate which allowed for increased milk production for the entire year.

New York continues to rank third in the Nation for milk production with 12.2 billion pounds produced, 7 percent of the nation's total production. The 2002 production was 4 percent more than the 11.8 billion produced in 2001. New York followed California and Wisconsin as the leading milk production states. Pennsylvania, Ohio and Vermont ranked fourth, eleventh and fourteenth respectively.

The average number of milk cows in New York during 2002 totaled 678,000 head, also the third highest number in the nation. This was 6,000 more than the 2001 average, but 8,000 less than in 2000. New York farms have more than 7 percent of all milk cows in the nation.

Annual output per cow averaged a record 18,019 pounds on New York farms, up 3 percent from previous record 17,530 pounds in 2001 and 4 percent more than the 17,378 pound average in 2000. This average rate is 3 percent less than the U.S. average of 18,571 for 2002.

Cash receipts from the sale of milk in New York during 2002 totaled \$1.56 billion, down 16 percent from the previous year and the lowest since 1997. The \$12.80 per hundred-weight received for all milk sold by New York farmers was \$3.00 less than the amount received in 2001 and the lowest since \$12.70 received in 1991.

DAIRY PRODUCTS

There were 122 plants producing one or more dairy products during 2002 in New York, 11 percent of the total plants in the Nation. Cheese production, excluding cottage cheese, totaled 717 million pounds in 2002, up 2

percent from the previous year but 2 percent below the record high 728 million pounds set in 2000. New York ranks third in cheese production excluding cottage cheese, accounting for eight percent of the Nation's total production.

Italian cheese of 414 million pounds, which accounted for 58 percent of New York's total cheese output, increased 2 percent in 2002. New York ranks third in the Nation in production of Italian cheese with 12 percent of the Nation's total. The increase was the result of 14 percent increase in Ricotta cheese to 140 million pounds. The production of mozzarella cheese decreased 16 percent to 204 million pounds. American-type cheese output was down 6 percent to 93 million pounds. New York accounts for less than 3 percent of the United States total.

New York continues to lead the nation in the production of all three cottage cheese categories. Creamed cottage cheese production increased 3 percent from 2001, while cottage cheese curd was also up 1 percent and low-fat cottage cheese was down slightly. New York accounts for 24 percent of all low-fat cottage cheese produced in 2002. Butter production rose 8 percent to 28 million pounds, while Statewide yogurt production totaled 249 million pounds, down 2 percent from the previous year. New York production of standard ice cream totaled 36.4 million pounds down 3 percent from 2001, and low-fat ice cream (*formerly ice milk*) decreased 27 percent. Production of milk sherbet declined 1 percent, while water ices production was down 5 percent.

Table 32. **MILK COW OPERATIONS:** By Herd Size, New York, 1993-2002

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199	200 plus	
	<i>Number of operations</i>					
1993	2,400	2,500	4,200	1,500	400	11,000
1994	2,400	2,200	4,200	1,500	400	10,700
1995	2,100	2,200	4,000	1,300	400	10,000
1996	1,800	2,000	3,700	1,300	400	9,200
1997	1,700	1,900	3,600	1,300	500	9,000
1998	1,600	1,800	3,500	1,300	500	8,700
1999	1,400	1,600	3,200	1,400	600	8,200
2000	1,400	1,500	3,000	1,400	600	7,900
2001	1,300	1,200	2,800	1,300	600	7,200
2002	1,200	1,250	2,800	1,200	650	7,100

Table 33. **MILK COWS JANUARY 1:** Percent by Size of Operation, New York, 1993-2002

Year	1-29	30-49	50-99	100-199	200 plus
	<i>Percent</i>				
1993	3.0	14.0	39.0	26.0	18.0
1994	3.0	12.0	41.0	26.0	18.0
1995	3.0	13.0	39.0	25.0	20.0
1996	2.7	11.3	37.0	27.0	22.0
1997	2.5	10.5	35.0	27.0	25.0
1998	2.5	10.5	34.0	26.0	27.0
1999	2.0	10.0	31.0	27.0	30.0
2000	2.0	9.0	29.0	28.0	32.0
2001	2.0	8.0	29.0	27.0	34.0
2002	2.0	7.5	28.0	24.5	38.0

Table 34. **MILK:** Cows and Production, by Months, New York, 1993 to Date

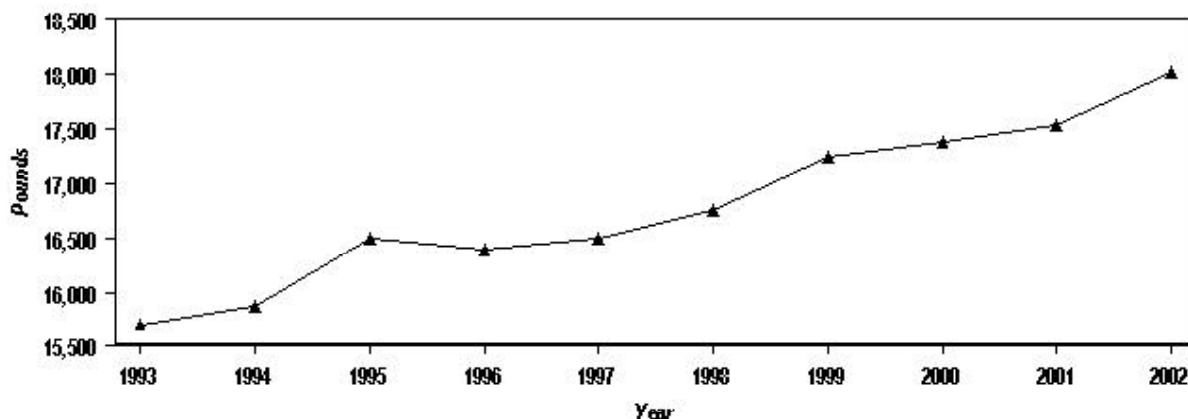
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK COWS ON FARMS <i>(Thousands)</i>												
1993	730	730	731	729	727	725	724	725	726	727	726	725
1994	724	722	725	724	722	718	715	716	715	713	712	711
1995	708	707	707	705	704	702	700	700	702	702	702	702
1996	700	700	700	700	703	704	703	703	703	703	700	700
1997	700	700	700	698	698	698	698	698	697	699	699	700
1998	700	698	697	700	701	701	700	701	702	702	702	702
1999	702	702	700	700	702	702	702	702	702	700	700	700
2000	700	700	698	695	690	688	685	682	678	674	673	670
2001	670	670	670	670	670	673	673	673	673	673	674	675
2002	675	672	675	680	682	682	680	676	675	676	678	680
2003	680	682	685	684	682							
MILK PRODUCTION PER COW <i>(Pounds)</i>												
1993	1,320	1,195	1,345	1,340	1,415	1,375	1,350	1,310	1,260	1,270	1,225	1,295
1994	1,315	1,195	1,370	1,360	1,425	1,375	1,350	1,325	1,280	1,305	1,250	1,325
1995	1,360	1,250	1,420	1,390	1,460	1,420	1,410	1,390	1,345	1,365	1,310	1,370
1996	1,400	1,340	1,460	1,420	1,445	1,385	1,380	1,355	1,290	1,320	1,270	1,340
1997	1,370	1,260	1,420	1,400	1,465	1,435	1,425	1,400	1,330	1,345	1,290	1,360
1998	1,380	1,280	1,440	1,420	1,490	1,430	1,450	1,420	1,350	1,375	1,330	1,410
1999	1,430	1,320	1,480	1,460	1,530	1,460	1,460	1,465	1,390	1,420	1,370	1,445
2000	1,460	1,380	1,510	1,470	1,530	1,460	1,490	1,470	1,400	1,430	1,360	1,410
2001	1,460	1,315	1,480	1,450	1,540	1,485	1,510	1,470	1,425	1,460	1,425	1,510
2002	1,530	1,405	1,565	1,520	1,600	1,530	1,535	1,505	1,455	1,485	1,410	1,490
2003	1,505	1,390	1,530	1,495	1,570							
TOTAL MILK PRODUCTION <i>(Million pounds)</i>												
1993	964	872	983	977	1,029	997	977	950	915	923	889	939
1994	952	863	993	985	1,029	987	965	949	915	930	890	942
1995	963	884	1,004	980	1,028	997	987	973	944	958	920	962
1996	980	938	1,022	994	1,016	975	970	953	907	928	889	938
1997	959	882	994	977	1,023	1,002	995	977	927	940	902	952
1998	966	893	1,004	994	1,044	1,002	1,015	995	948	965	934	990
1999	1,004	927	1,036	1,022	1,074	1,025	1,025	1,028	976	994	959	1,012
2000	1,022	966	1,054	1,022	1,056	1,004	1,021	1,003	949	964	915	945
2001	978	881	992	972	1,032	999	1,016	989	959	983	960	1,019
2002	1,033	944	1,056	1,034	1,091	1,043	1,044	1,017	982	1,004	956	1,013
2003	1,023	948	1,048	1,023	1,071							

Table 35. **MILK:** Production, Disposition, and Income, New York, 1993-2002

Year	Milk cows <u>1/</u>	Milk per cow	Total milk production	Disposition of Milk Produced				Prices received <u>2/</u>	Gross income <u>3/</u>	Value of milk produced <u>4/</u>
				Fed to calves	Consumed as fluid milk, cream and butter	Sold wholesale	Retailed by producers			
	<u>1,000 head</u>	<u>Lbs.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Dollars</u>	<u>Mil. dol.</u>	<u>Mil. dol.</u>
1993	727	15,702	11,415	143	48	11,196	28	13.00	1,469.8	1,488.5
1994	718	15,877	11,400	137	46	11,193	24	13.30	1,501.8	1,520.1
1995	703	16,501	11,600	135	40	11,410	15	13.00	1,492.9	1,510.5
1996	702	16,396	11,510	145	33	11,320	12	14.90	1,695.3	1,717.0
1997	699	16,495	11,530	130	25	11,363	12	13.40	1,529.5	1,547.0
1998	701	16,762	11,750	130	17	11,591	12	15.40	1,789.5	1,809.5
1999	701	17,235	12,082	130	13	11,928	11	14.60	1,745.0	1,764.0
2000	686	17,378	11,921	125	10	11,776	10	13.10	1,545.3	1,561.7
2001	672	17,530	11,780	80	5	11,685	10	15.80	1,848.6	1,861.2
2002	678	18,019	12,217	61	2	12,145	9	12.80	1,556.0	1,563.8

1/ Average number on farms during the year. 2/ Prices received for all milk sold wholesale per cwt.

3/ Includes value of milk used for home consumption. 4/ Includes value of milk fed to calves.

ANNUAL MILK PRODUCTION PER COWTable 36. **MILKFAT:** Average Test of Milk Sold by Dairy Farmers, by Months, New York, 1993 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	<u>Percent</u>												
1993	3.72	3.74	3.75	3.69	3.62	3.54	3.48	3.52	3.59	3.74	3.73	3.76	3.65
1994	3.77	3.74	3.72	3.69	3.66	3.53	3.50	3.52	3.62	3.70	3.72	3.73	3.66
1995	3.69	3.71	3.69	3.68	3.62	3.52	3.48	3.47	3.61	3.71	3.80	3.79	3.65
1996	3.78	3.75	3.76	3.73	3.69	3.58	3.58	3.58	3.62	3.75	3.79	3.76	3.70
1997	3.74	3.72	3.72	3.70	3.67	3.56	3.52	3.55	3.63	3.73	3.80	3.78	3.67
1998	3.73	3.73	3.74	3.69	3.62	3.57	3.52	3.53	3.59	3.72	3.80	3.75	3.66
1999	3.77	3.73	3.73	3.68	3.63	3.53	3.49	3.53	3.59	3.73	3.77	3.77	3.66
2000	3.76	3.75	3.74	3.70	3.69	3.59	3.56	3.58	3.62	3.69	3.75	3.78	3.68
2001	3.74	3.72	3.72	3.69	3.61	3.56	3.53	3.52	3.60	3.69	3.73	3.71	3.65
2002	3.73	3.72	3.73	3.71	3.67	3.60	3.54	3.54	3.60	3.70	3.78	3.76	3.67
2003	3.80	3.80	3.75	3.71									